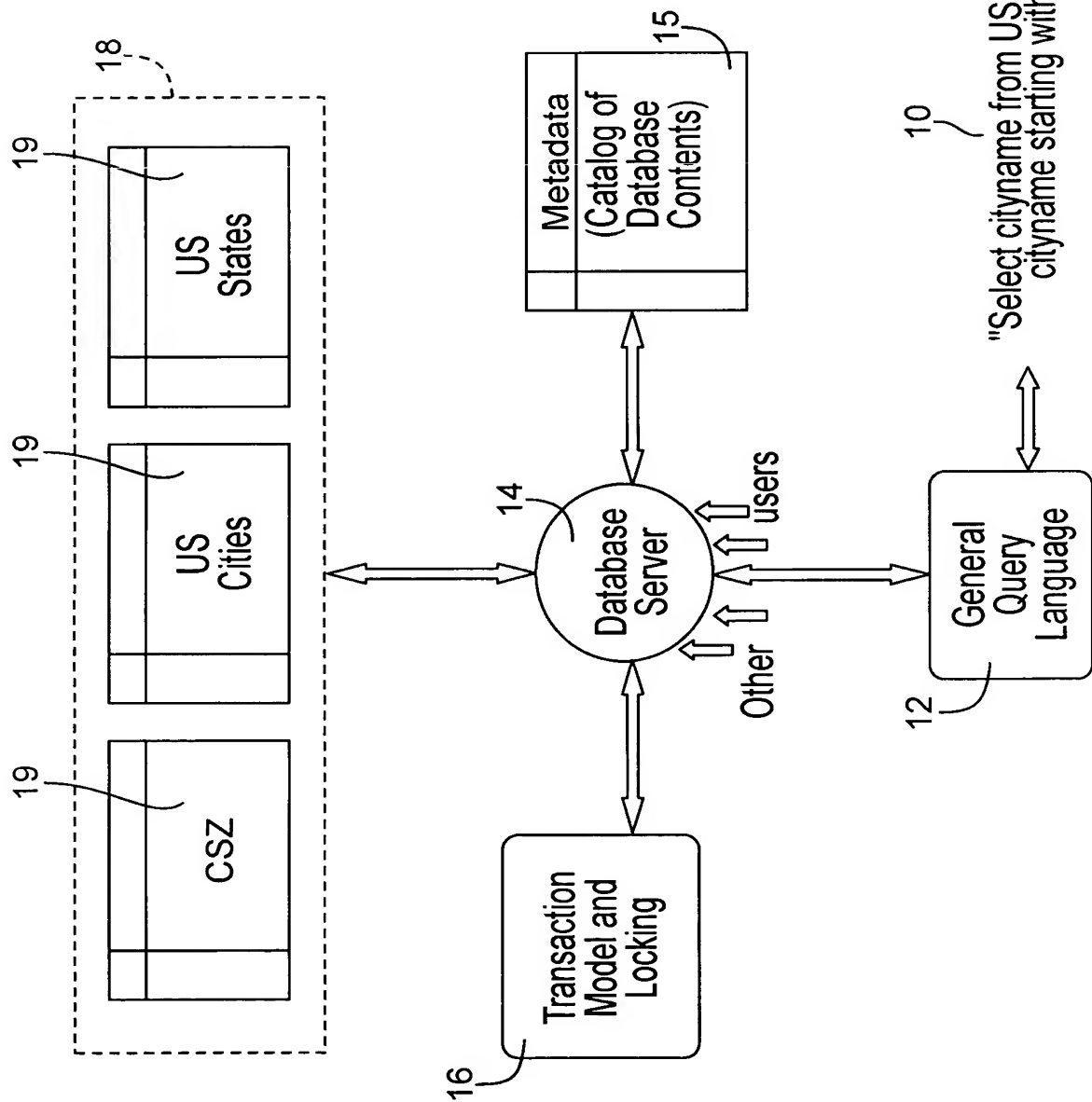
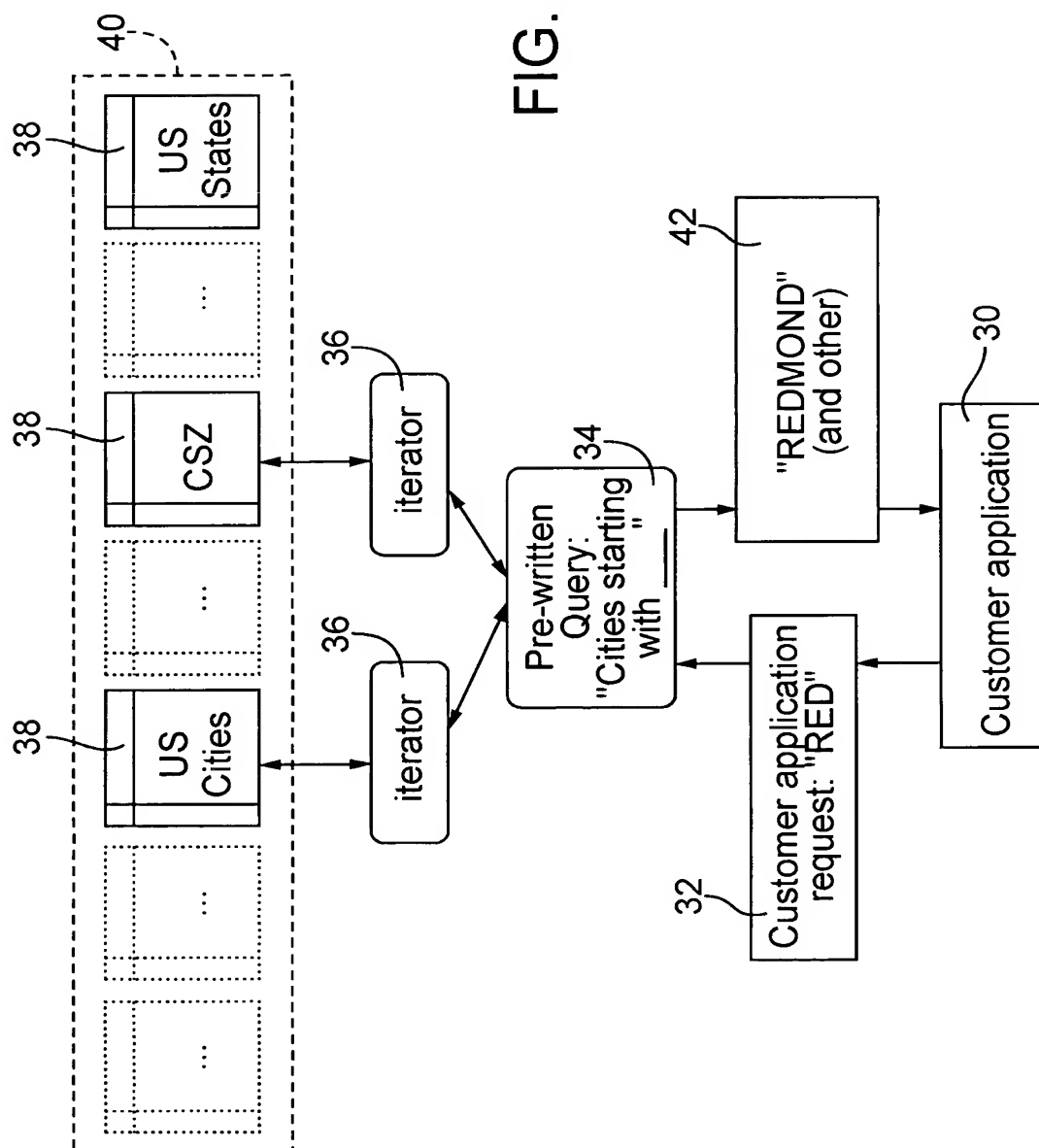


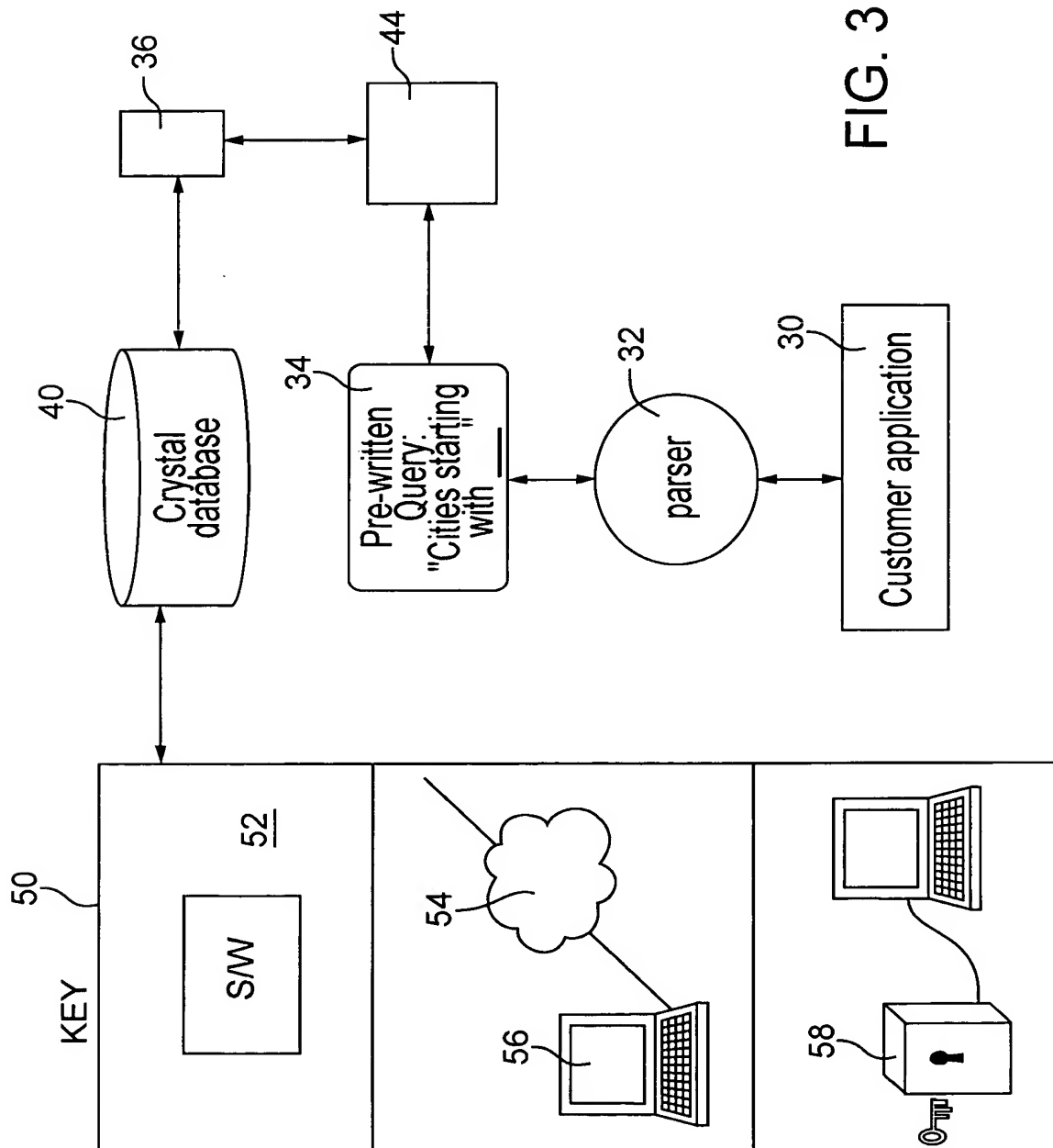
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FIG. 1
(Prior Art)



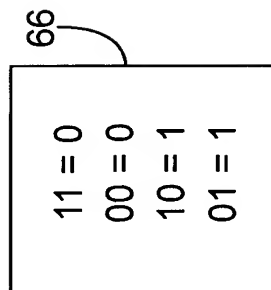


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Exclusive-OR (XOR) Operations



1100 1110 0111 0011	60
1011 0101 1010 1101	62

0111 1011 1101 1110	64
1011 0101 1010 1101	62

1100 1110 0111 0011	60

FIG. 4

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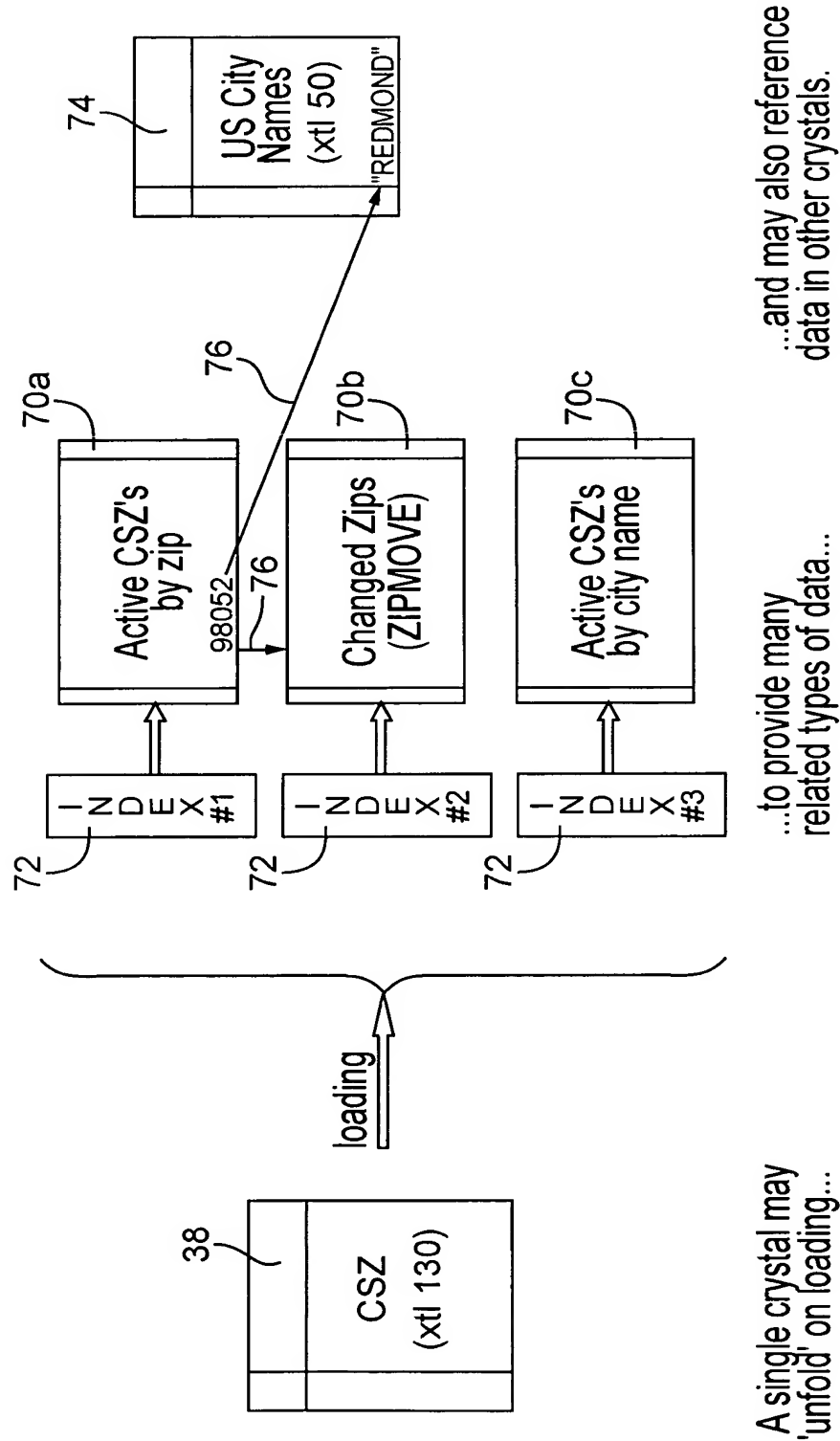


FIG. 5

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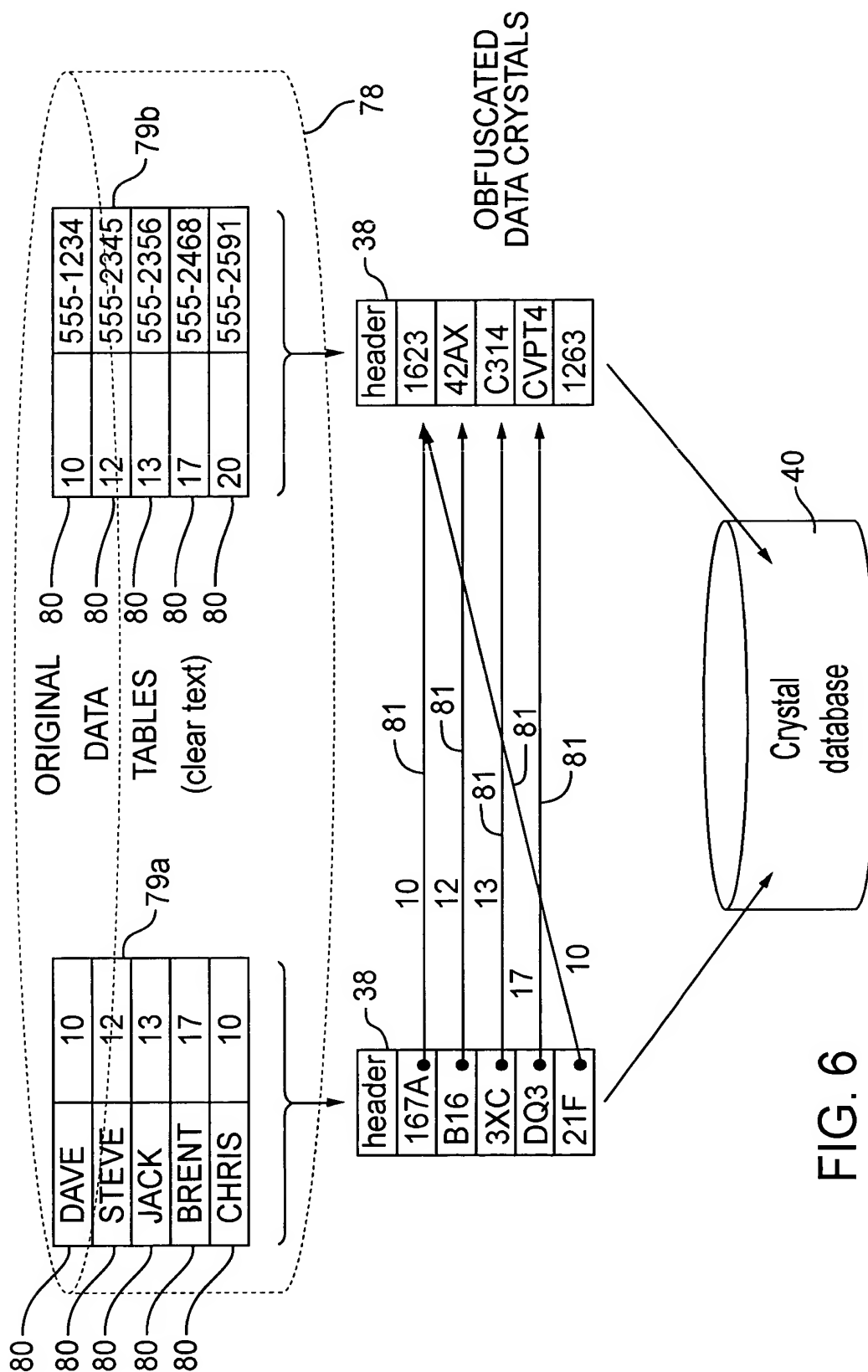
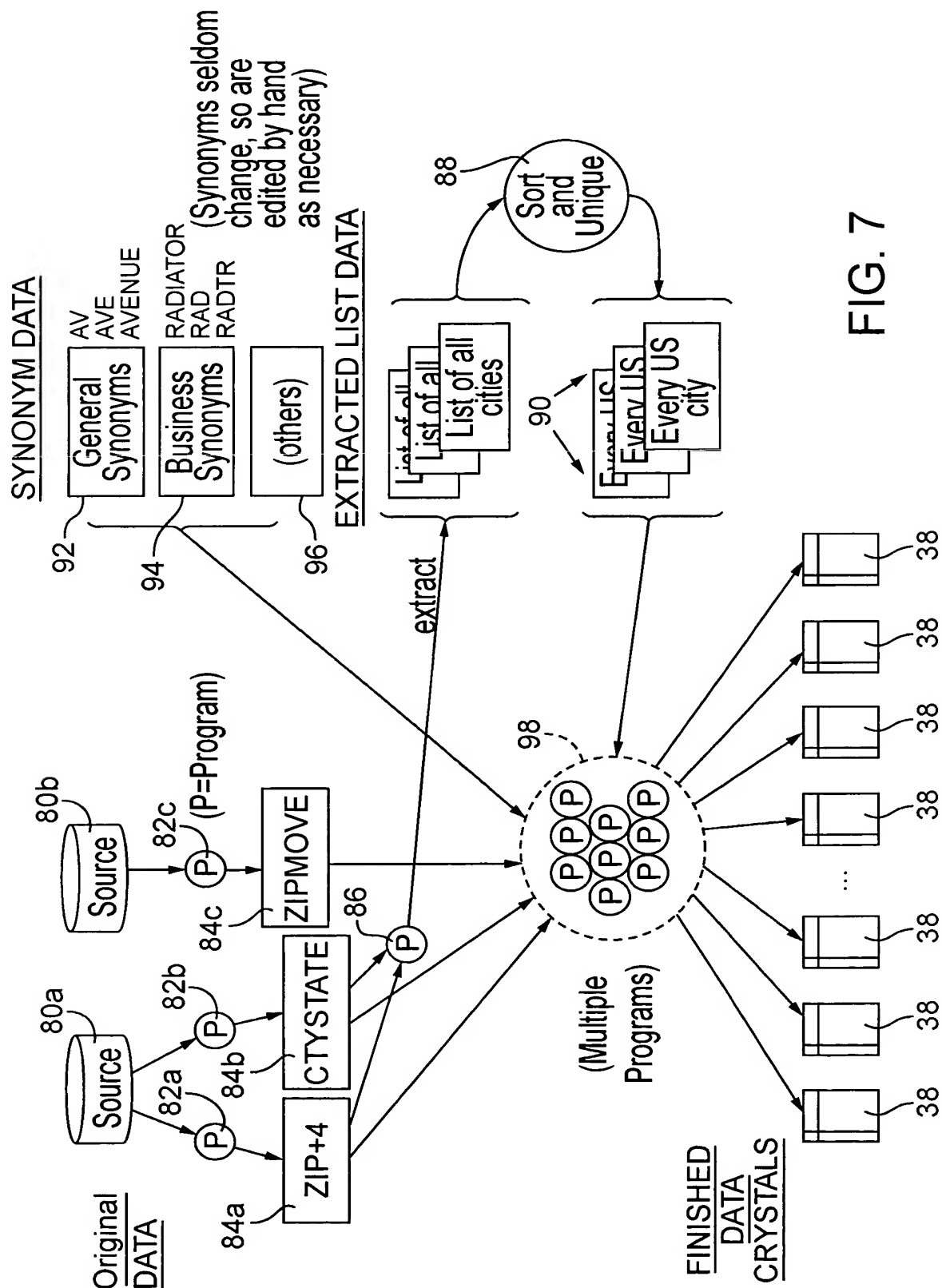


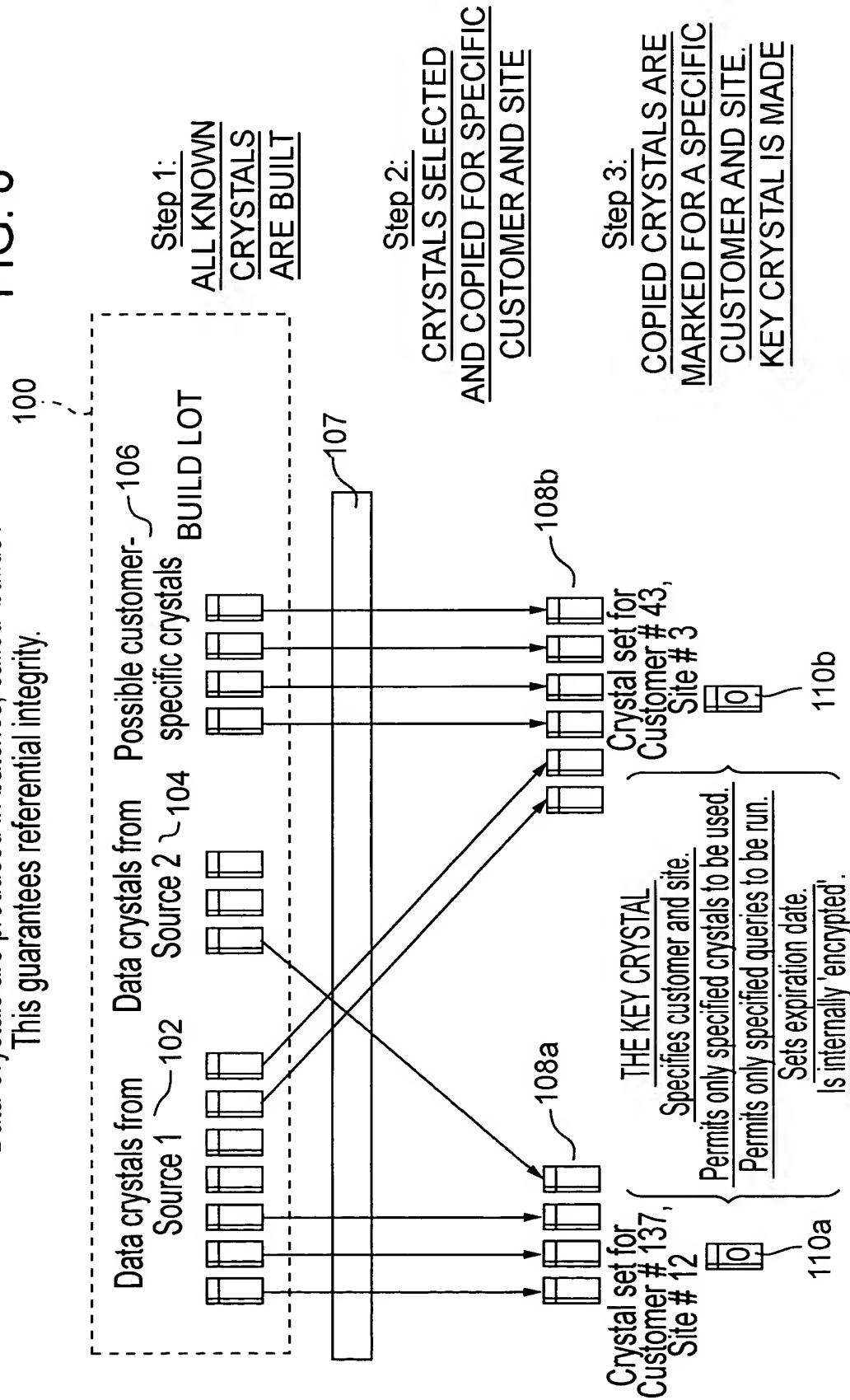
FIG. 6



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FIG. 8

Data Crystals are produced in batches, called 'builds'.
 This guarantees referential integrity.



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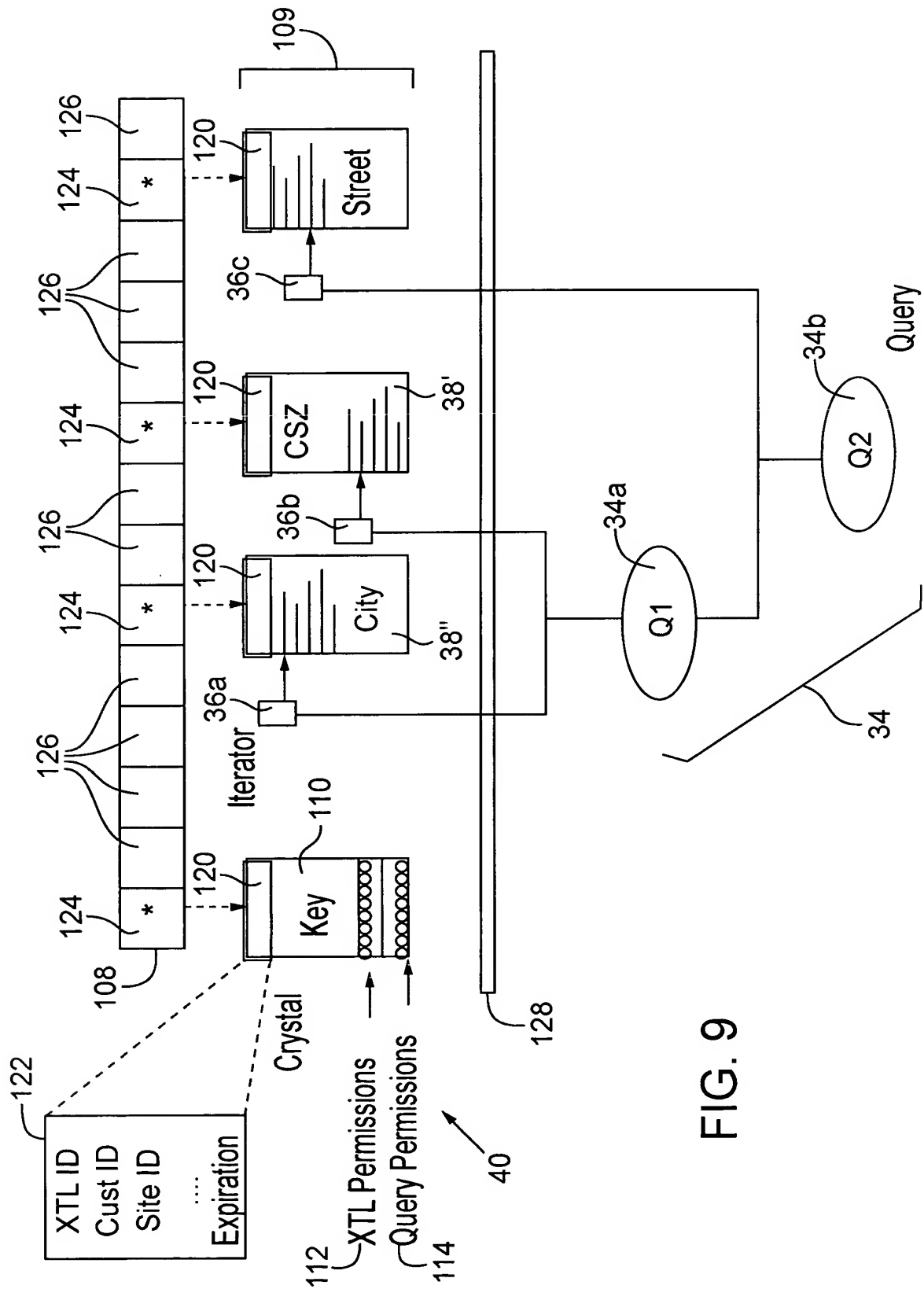
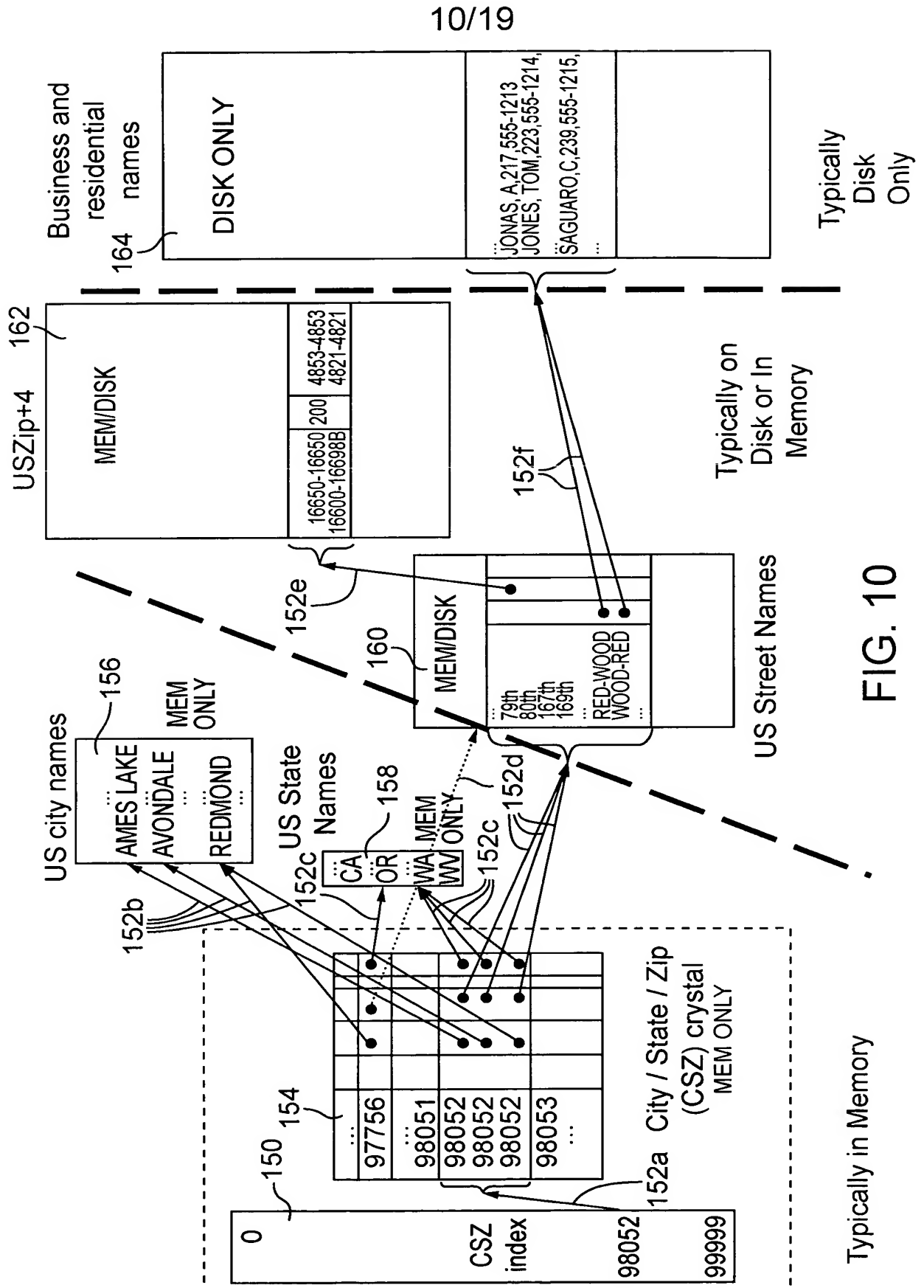


FIG. 9



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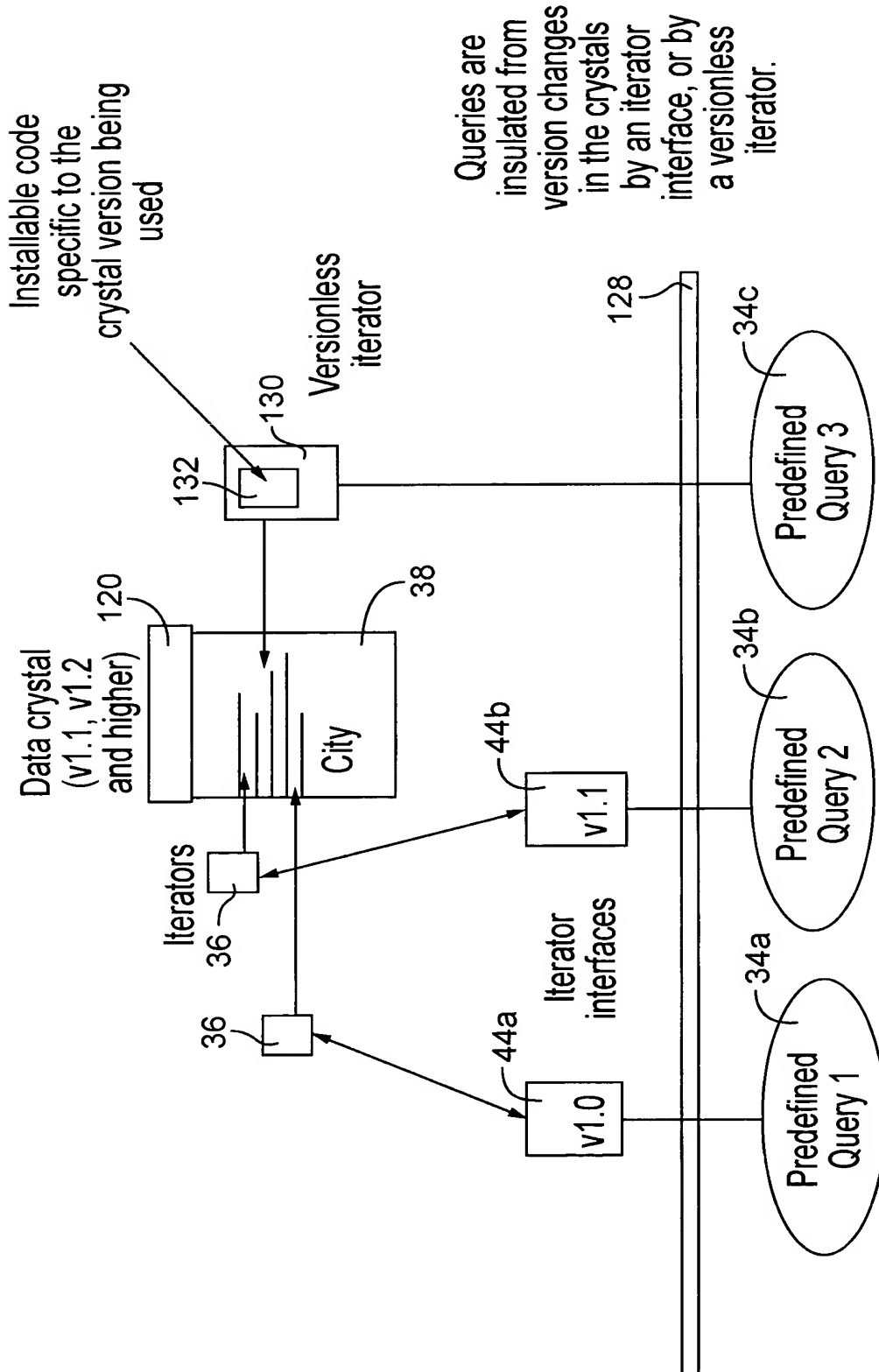


FIG. 11A

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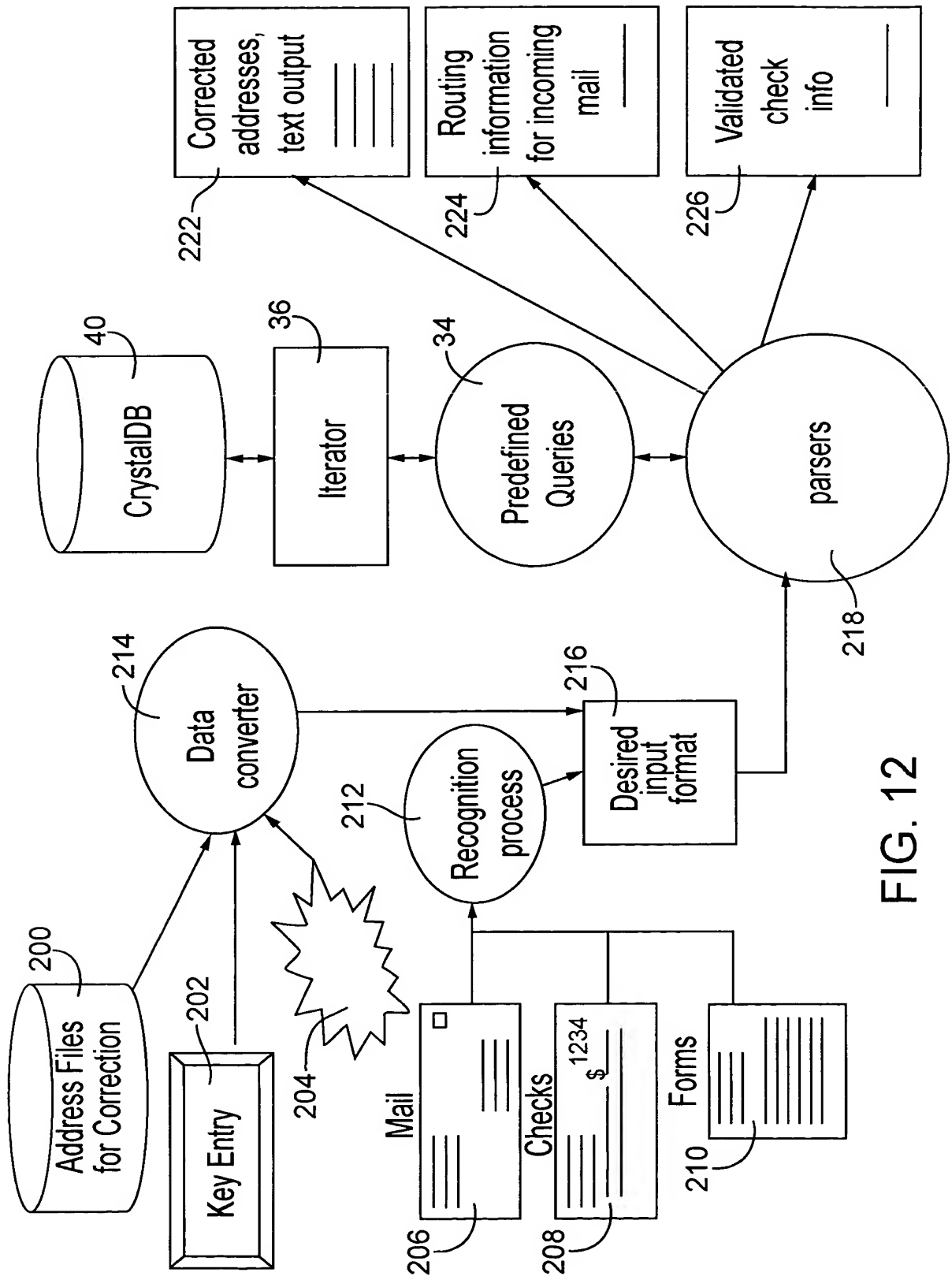
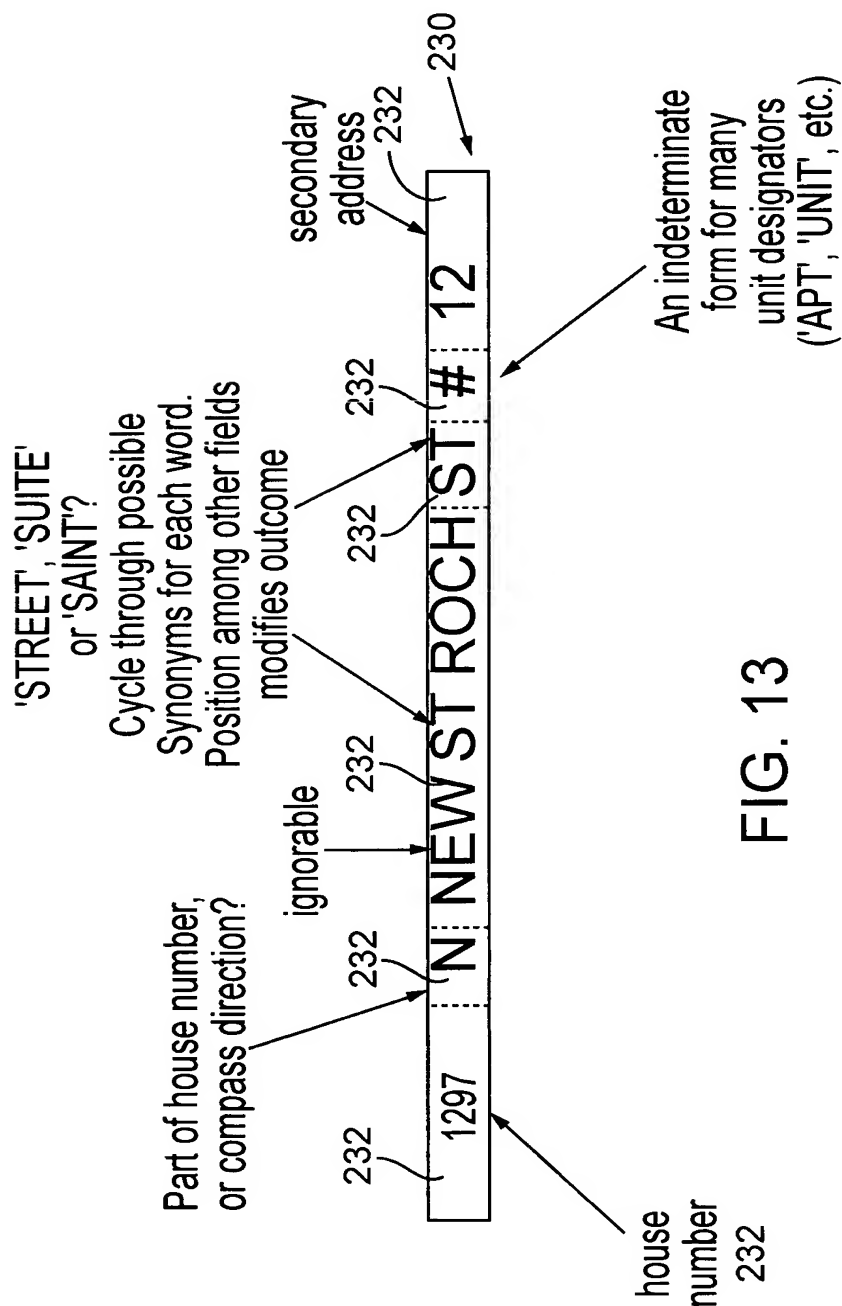


FIG. 12

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Address parsing is like putting a puzzle together,
 from a box of somewhat broken pieces

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IRAF Tmnolgy
 116650 79* ST N ST200
 IRDMDWA 913052

242

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BUS NAME	RAF TECHNOLOGY									
HNUM	16650	NE	79TH	ST	-	SUITE	200	REDMOND	WA	98052
PREDIR										
STREET										
SUFFIX										
POSTDIR										
UNITDES										
SEC ADDR										
CITY										
STATE										
ZIP										

Address in standard form

Address as typed by
 User or recognized by
 Optical Character Recognition
 (OCR)

FIG. 14

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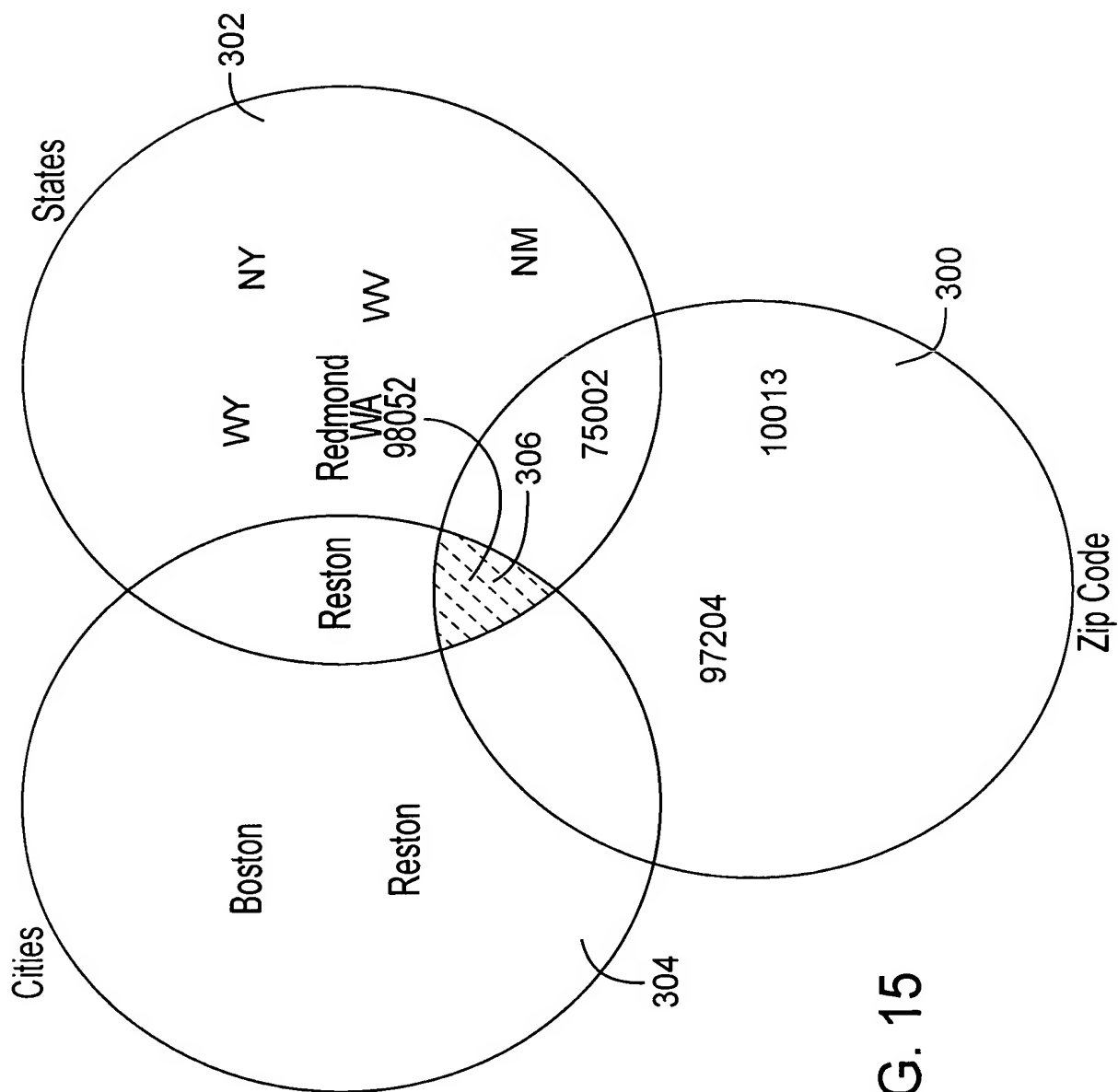
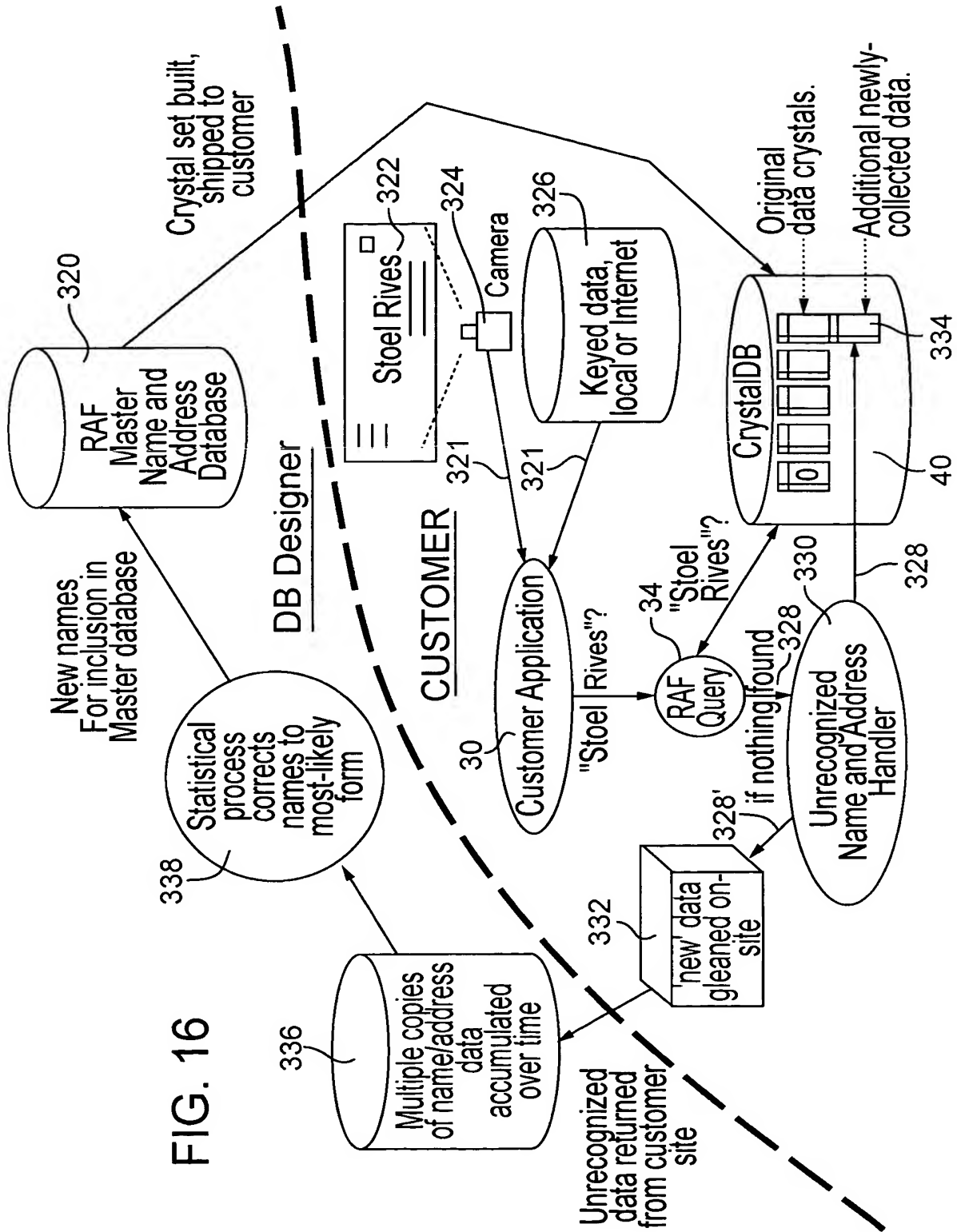
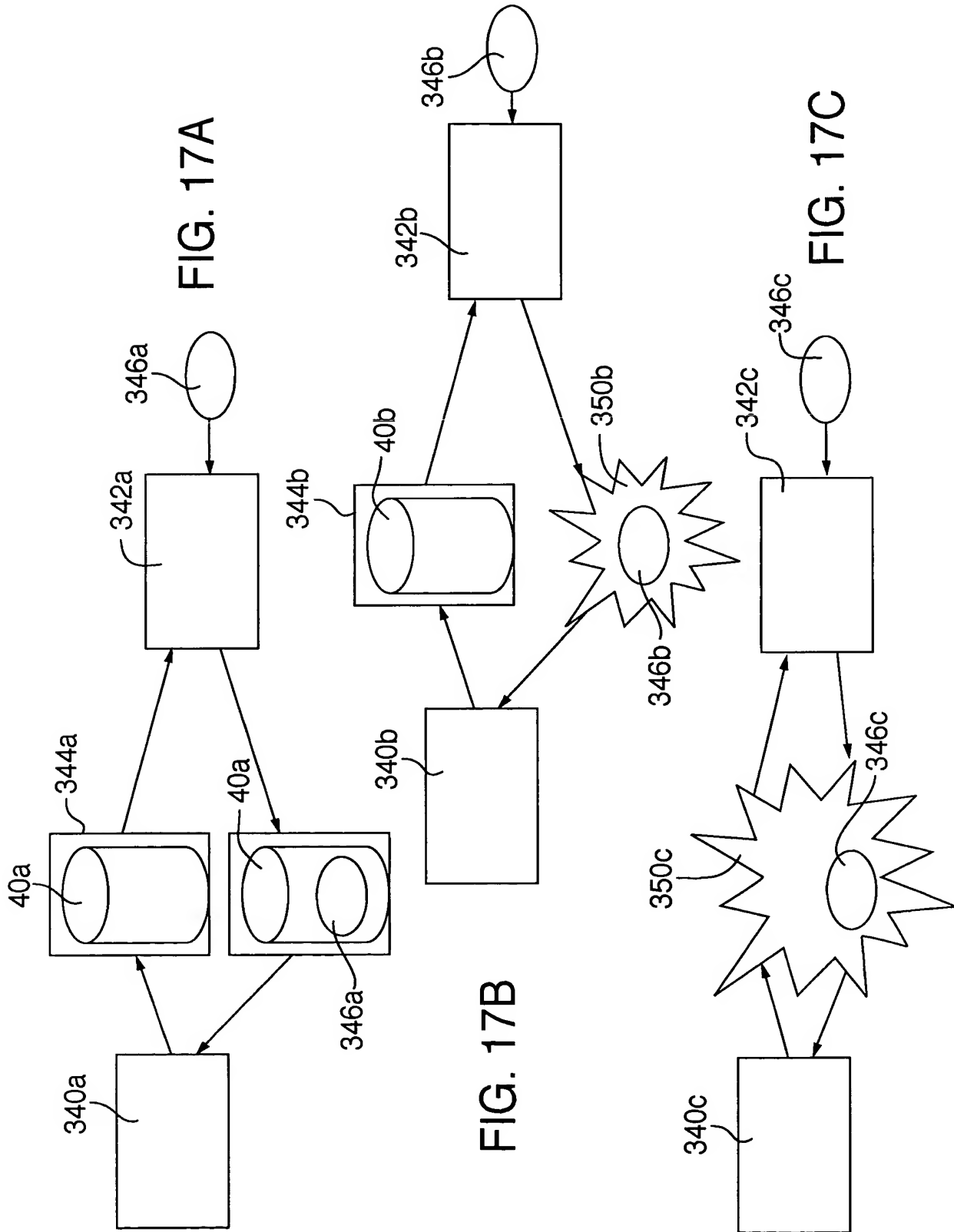


FIG. 15

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